

ABSTRACT

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CAS P10-10051

**[COMPANY NAMED: COMPAGNIE GENERALE DES ETABLISSEMENTS  
MICHELIN- MICHELIN ET CIE]  
[Title: SILICA-CONTAINING RUBBER COMPOSITION**

## ABSTRACT

[Rubber composition vulcanizable with sulfur, characterized in that it comprises:]

[a] at least one polymer selected from the group consisting of diene polymers.

olefin/monomeric diene copolymers and isoolefin/halogenated para-alkylstyrene copolymers;]

[b) silica as filler;]

[c) at least one agent of the sulfur-containing silane type promoting the linkage between silica and polymer;]

[d) at least one substituted guanidine;]

[and in that it has at least one of the following characteristics:]

[00109] ]Rubber composition vulcanizable with sulfur, characterized in that it comprises:

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b) silica as filler;

c) at least one agent of the sulfur-containing silane type promoting the linkage between silica and polymer;

1                   d) at least one substituted guanidine;

2                   and in that it has at least one of the following characteristics:

3                   It has at least one diene polymer which comprises at least one terminal amino  
4                   group of an aliphatic or cycloaliphatic amine which is bonded thereto at the end of the chain, the  
5                   polymer then being devoid of the alkoxy silane and silanol group;

6                   the composition comprises at least one free aliphatic or cycloaliphatic amine.

7                   Tire tread and tire casing comprising such a composition.

8                   [the composition comprises at least one free aliphatic or cycloaliphatic  
9                   amine.]

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